

## ABSTRACT

The invention disclosed herein comprises assay methods for identifying substances useful for treating pathogenic disorders. The assay methods disclosed herein are based on the discovery that POD function and structure are key elements in normal transcriptional processes. Disruption of POD function and/or structure contributes to the creation and/or maintenance of a variety of pathogenic disorders.

Case	Age	Sex	Site	Pathologic	Survival	Ref.
1	45	M	Rectum	Adenocarcinoma	10 years	[1]
2	52	F	Rectum	Adenocarcinoma	5 years	[2]
3	68	M	Rectum	Adenocarcinoma	3 years	[3]
4	72	F	Rectum	Adenocarcinoma	2 years	[4]
5	75	M	Rectum	Adenocarcinoma	1 year	[5]
6	78	F	Rectum	Adenocarcinoma	1 year	[6]
7	80	M	Rectum	Adenocarcinoma	1 year	[7]
8	82	F	Rectum	Adenocarcinoma	1 year	[8]
9	85	M	Rectum	Adenocarcinoma	1 year	[9]
10	88	F	Rectum	Adenocarcinoma	1 year	[10]
11	90	M	Rectum	Adenocarcinoma	1 year	[11]
12	92	F	Rectum	Adenocarcinoma	1 year	[12]
13	95	M	Rectum	Adenocarcinoma	1 year	[13]
14	98	F	Rectum	Adenocarcinoma	1 year	[14]
15	100	M	Rectum	Adenocarcinoma	1 year	[15]